

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004561.D
 Acq On : 15 Sep 2018 04:03
 Operator : JC/MD
 Sample : J4924-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC018-W-180913

Quant Time: Sep 17 16:04:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	251182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170454	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	169003	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
35) Dibromofluoromethane	5.50	113	152973	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
50) Toluene-d8	8.71	98	503922	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
62) 4-Bromofluorobenzene	11.14	95	161737	42.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.70%	

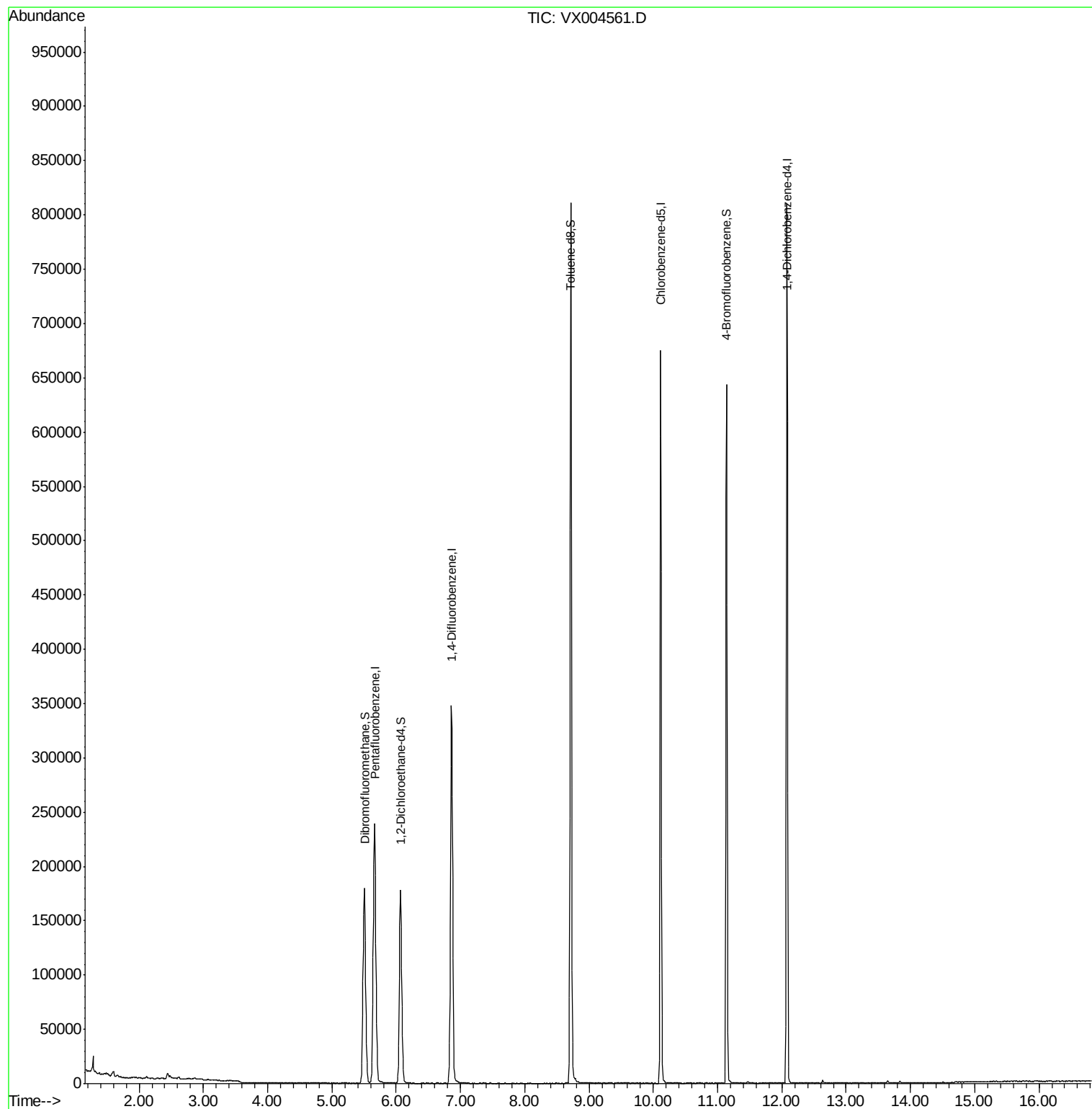
Target Compounds	Qvalue

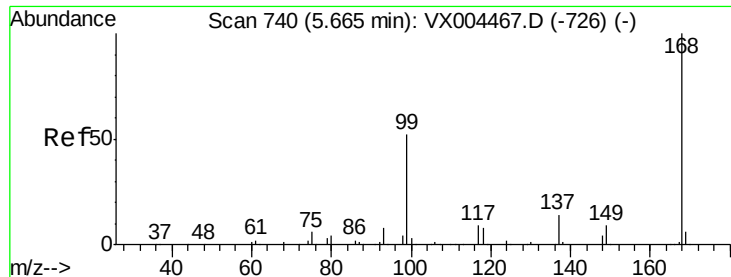
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX004561.D

Acq: 15 Sep 2018 04:03

Instrument :

MSVOA_X

ClientSampleId :

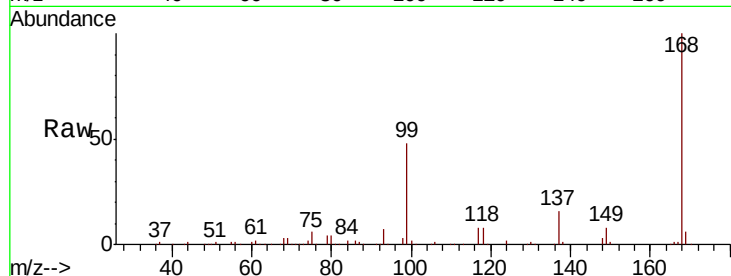
KY030LC018-W-180913

Tot Ion:168 Resp: 251182

Ion Ratio Lower Upper

168 100

99 48.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX004467.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX004467.D (-726) (-)

5.67

100000

80000

60000

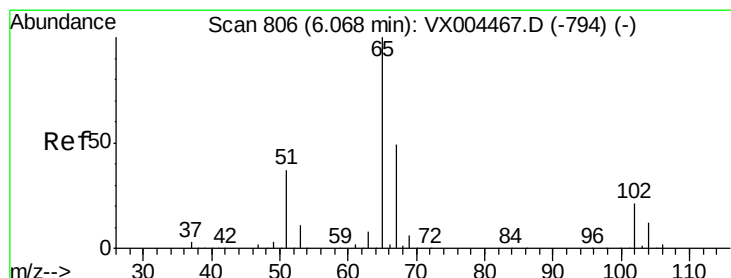
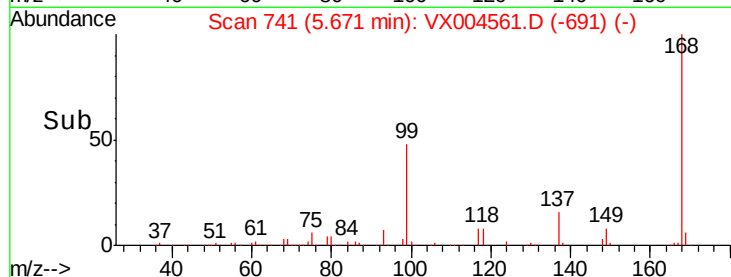
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.18 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004561.D

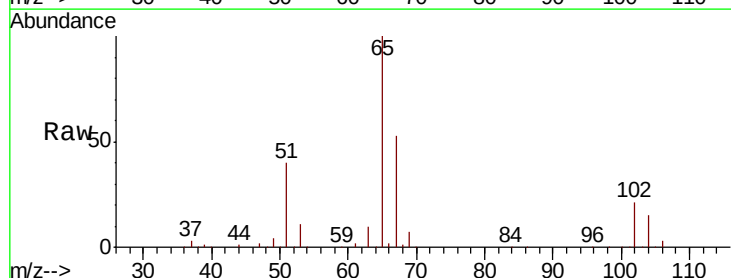
Acq: 15 Sep 2018 04:03

Tgt Ion: 65 Resp: 169003

Ion Ratio Lower Upper

65 100

67 55.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX004467.D (-794) (-)

Ion 66.90 (66.60 to 67.60): VX004467.D (-794) (-)

6.07

60000

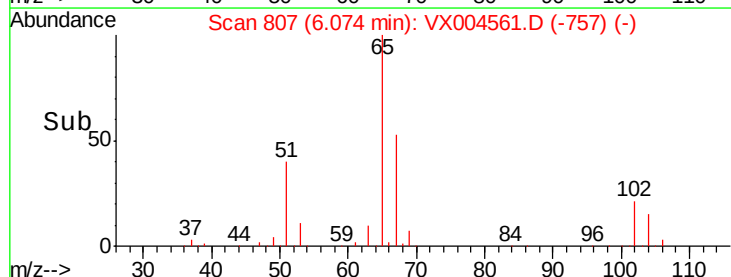
40000

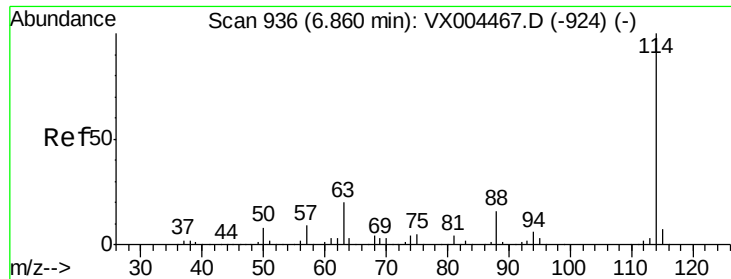
20000

0

Time-->

5.90 6.00 6.10 6.20

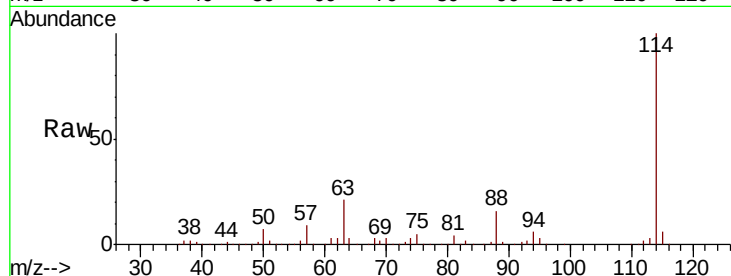




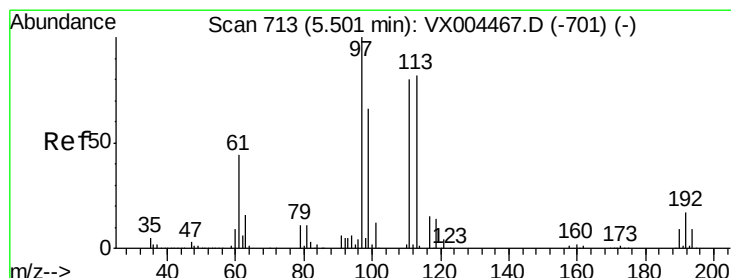
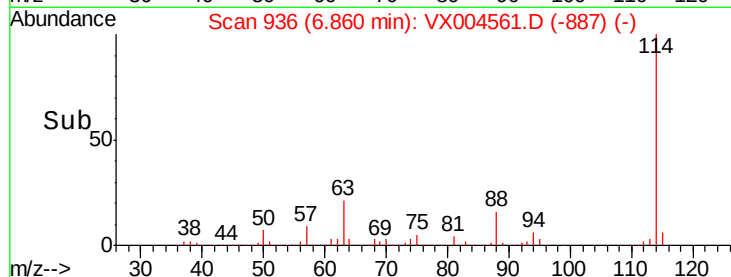
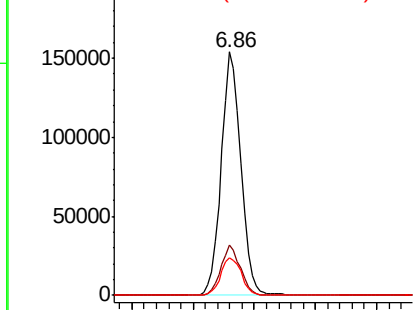
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004561.D
 Acq: 15 Sep 2018 04:03

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC018-W-180913

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	39.0
88	15.5	0.0	30.4

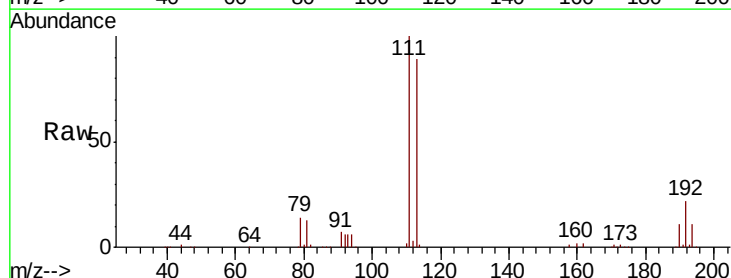


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

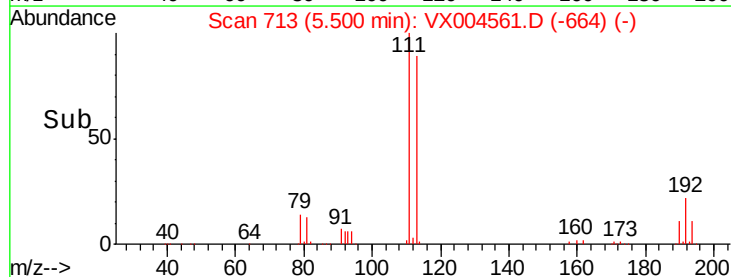
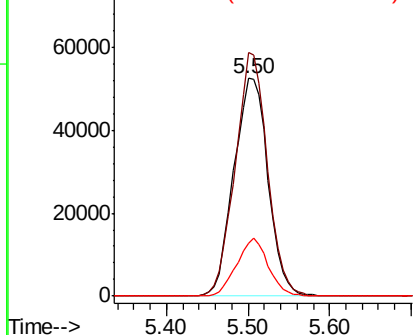


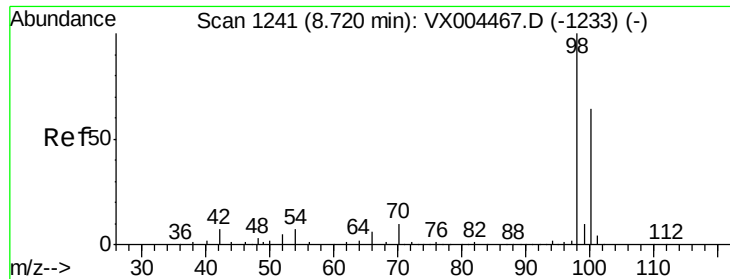
#35
 Dibromofluoromethane
 Concen: 48.52 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004561.D
 Acq: 15 Sep 2018 04:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.4	123.6
192	24.6	19.4	29.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.66 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004561.D

Acq: 15 Sep 2018 04:03

Instrument :

MSVOA_X

ClientSampleId :

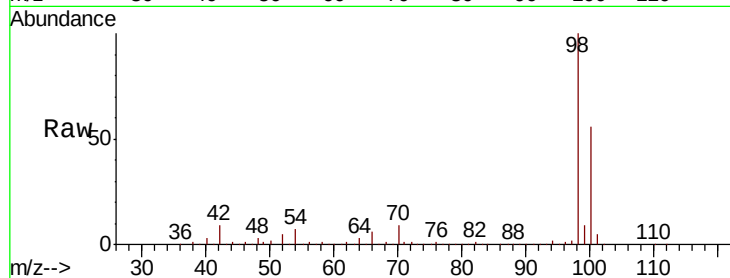
KY030LC018-W-180913

Tot Ion: 98 Resp: 503922

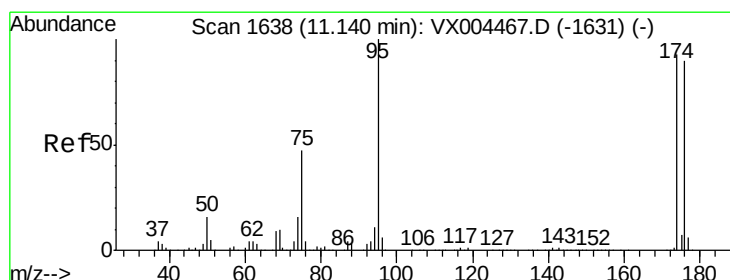
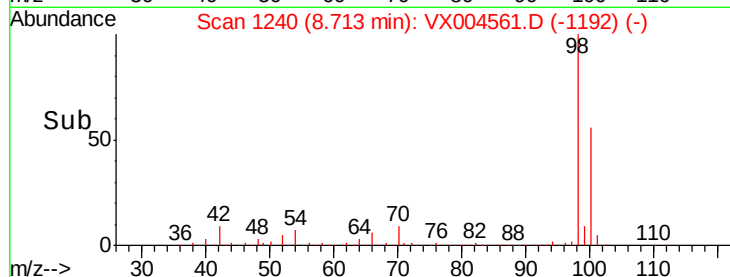
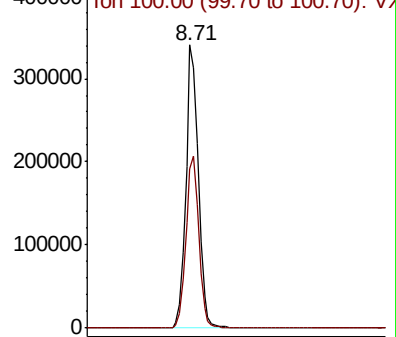
Ion Ratio Lower Upper

98 100

100 63.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX004467.D (-1233) (-)



#62

4-Bromofluorobenzene

Concen: 42.85 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004561.D

Acq: 15 Sep 2018 04:03

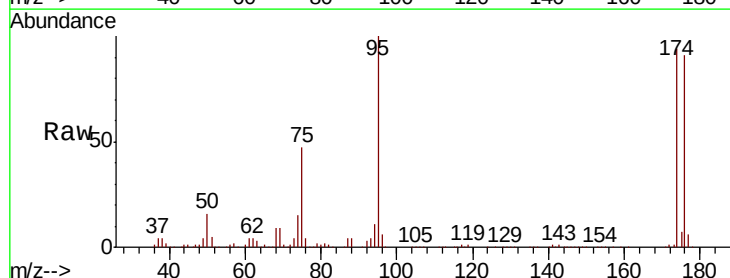
Tgt Ion: 95 Resp: 161737

Ion Ratio Lower Upper

95 100

174 92.9 0.0 185.2

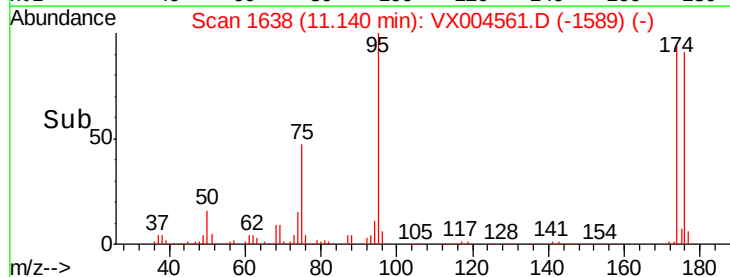
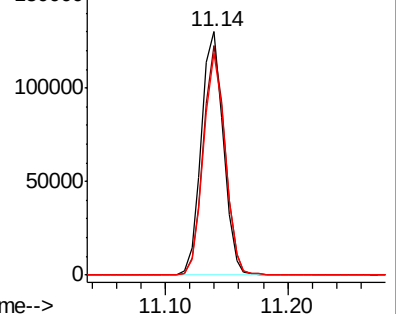
176 90.2 0.0 178.6

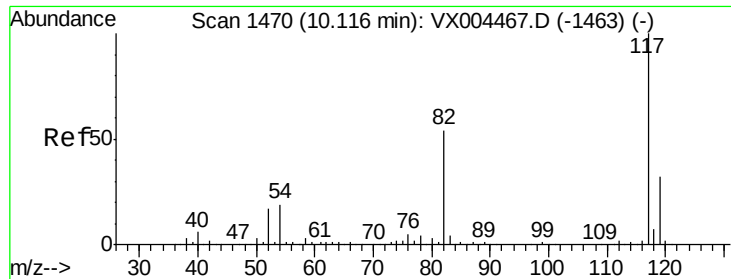


Abundance Ion 94.90 (94.60 to 95.60): VX004467.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX004467.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX004467.D (-1631) (-)

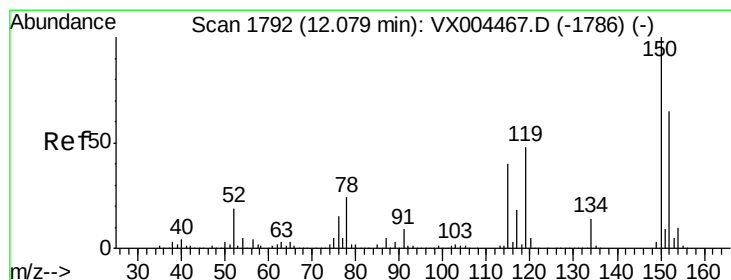
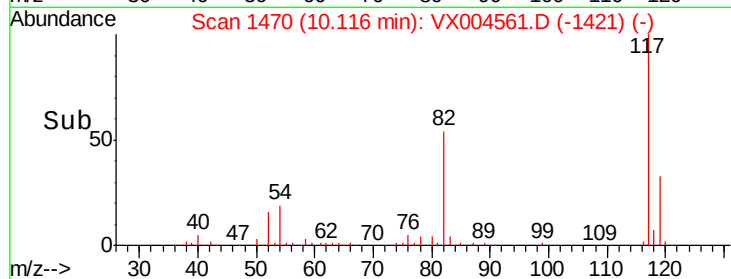
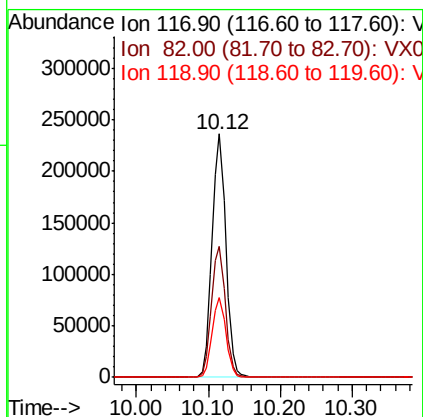
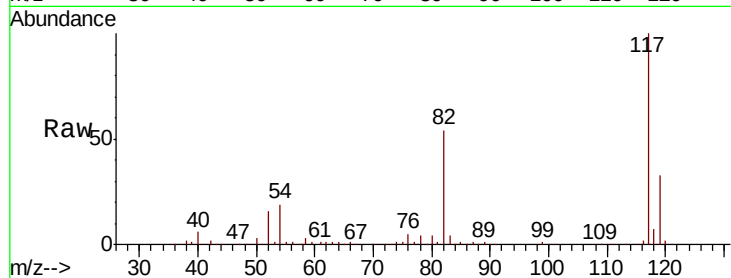




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004561.D
Acq: 15 Sep 2018 04:03

Instrument :
MSVOA_X
ClientSampleId :
KY030LC018-W-180913

Tot Ion:117 Resp: 313716
Ion Ratio Lower Upper
117 100
82 54.1 47.8 71.6
119 32.6 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004561.D
Acq: 15 Sep 2018 04:03

Tgt Ion:152 Resp: 170454
Ion Ratio Lower Upper
152 100
115 54.5 39.0 117.0
150 154.5 0.0 351.0

